

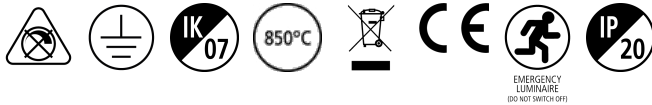
Optix Recessed 600x600 Medium Output

OPTIX RECESSED 600x600 2L 4000K ALU EM
0044151



Product features

- OPTIX RECESSED 600x600 2L 4000K ALU EM is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. Constant current driver. 3hr combined maintained emergency version. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 26W. Luminaire efficacy 131lm/W. Lumen maintenance of L90B50 > 72000h, L90B10 = 46000h. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.



PRODUCT OVERVIEW

IPC Code	0044151
Product name	OPTIX RECESSED 600x600 2L 4000K ALU EM
Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office, Education,
Certifications	EUNEW001
ETIM Class	EC002892
Fixture luminous flux (lm)	3600
Luminaire efficacy (lm/W)	138
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	16
Photobiological Risk Group	1
Total power consumption (W)	26
Electrical protection	Class I
Control gear type	Electronic (constant current)
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288441511
Chromaticity coordinate Y	0.3797
Lamps	Yes
Included lamp	INTEGRATED LED

DATA TABLE

General data

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Optical data

Fixture luminous flux (lm)	3600
Luminaire efficacy (lm/W)	138
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	16
Photobiological Risk Group	1
Emergency duration (h)	3

Electrical data

Total power consumption (W)	26
Starting time (max) (s)	<0.5
Mains voltage (V)	220-240V~
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) = xx.x %	8
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic (constant current)
Dimmable	No
Drive current (mA)	500
Inrush Current (A)	25
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	20
Max. Luminaires per 13A C Breaker	30
Max. Luminaires per 16A C Breaker	40
Max. Luminaires per 20A C Breaker	47
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	15
Max. Luminaires per 16A B Breaker	20
Max. Luminaires per 20A B Breaker	24

Lifetime data

Lumen maintenance - L70 B50	72000
Lumen maintenance - L80 B10	72000
Lumen maintenance - L90 B50	72000

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Lumen maintenance - L90 B20	50000
Lumen maintenance - L90 B10	46000

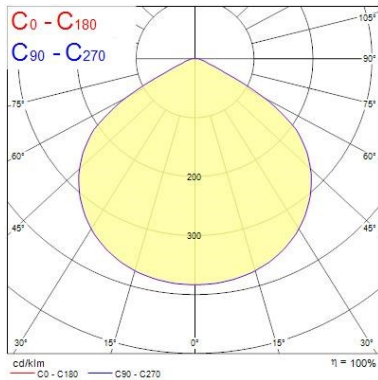
Physical data

Housing colour	RAL 9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Satin
Diffuser material	Polycarbonate
Nominal Product Length (mm)	596
Nominal Product Width (mm)	596
Nominal Product Height (mm)	38
Weight (kg)	5.0

Packaging

Single packaging type	Carton
Product EAN number	5410288441511
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288441511
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E _v (0°) E _v (C0)	E _v (37.7°) E _v (C90)	E _v (75.4°) E _v (C180)	Illuminance [lx]
0.5	0.77	8660	2162	541	8660
1.0	1.55	2162	541	136	2162
1.5	2.32	961	240	60	961
2.0	3.09	541	136	36	541
2.5	3.86	345	86	24	345
3.0	4.64	240	60	16	240

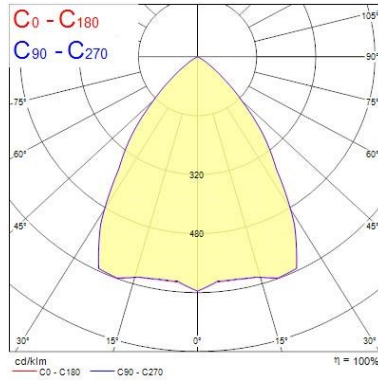
Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 75.4°)

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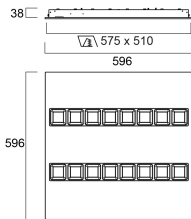
0.5	1.51	E(l) E(c)	96.4°	123 10
1.0	3.01	E(l) E(c)	96.4°	31 3
1.5	4.52	E(l) E(c)	96.4°	14 1
2.0	6.02	E(l) E(c)	96.4°	8 1
2.5	7.53	E(l) E(c)	96.4°	5 0
3.0	9.03	E(l) E(c)	96.4°	3 0

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 112.8°)





TECHNICAL DRAWINGS




Optix Recessed 600x600 Medium Output OPTIX RECESSED 600x600 2L 4000K ALU EM 0044151


SYLVANIA 0044151


 This luminaire contains built in LED lamps.

 } **LED**


The lamps cannot be changed in the luminaire.

874/2012 

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SYLVANIA 0044151  874/2012